

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

KUN-HAK LEE

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 18 February 2004

Art Unit: *to be assigned*

For: SYSTEM FOR EXTENDING DISTANCE OF X DIGITAL SUBSCRIBER LINE
USING RESERVED TELEPHONE LINE

INFORMATION DISCLOSURE STATEMENT

Mail Stop: Patent Application

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites,
provides copies and discusses the following art references:

<u>U.S. Patent App. Publication No.</u>	<u>Inventor</u>	<u>Date</u>
2003/0016694	Schneider et al.	1/23/2003

<u>U.S. Patent No.</u>	<u>Inventor</u>	<u>Date</u>
6,647,117	Wallace et al.	11/11/2003
6,519,291	Dagdeviren et al.	2/11/2003
6,507,606	Shenoi et al.	1/14/2003
6,236,664	Erreygers	5/22/2001

Schneider et al.'694 discloses system for providing extended range ADSL service with auxiliary pots channel over single-line digital subscriber link.

Wallace et al.'117 discloses continuity of voice carried over DSL during power failure.

Dagdeviren et al.'291 discloses reduction of interference in discrete multi-tone (DMT) based communications systems.

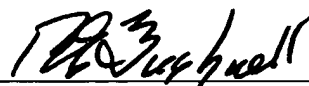
Shenoi et al.'606 discloses asymmetric digital subscriber line methods suitable for long subscriber loops.

Erreygers'664 discloses pair gain system with an ADSL repeater unit.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relative arts.

No fee is incurred by this Statement.

Respectfully submitted,



Robert E. Bushnell

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Folio: P56961
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INFORMATION DISCLOSURE STATEMENT PTO-1449 (PAGE 1 OF 1)	SERIAL NUMBER	DOCKET NO. P56961
	APPLICANT KUN-HAK LEE	
	FILING DATE 18 February 2004	GROUP

U.S. PATENT DOCUMENTS						
EXAMINE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	2003/0016694	1/2003	Schneider et al.			
	6,647,117	11/03	Wallace et al.			
	6,519,291	2/2003	Dagdeviren et al.			
	6,507,606	1/2003	Shenoi et al.			
	6,236,664	5/2001	Erreygers			

FOREIGN PATENT DOCUMENTS						TRANSLATION	
	DOCUMENT NUMBER	DATE	COUNTRY	CLAS	SUBCLASS	YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	

EXAMINER:	DATE CONSIDERED:
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.